

CLAIMS

We claim:

1. A method comprising:
detecting alert events on a client using a platform independent agent integrated with said client;
reporting detected alert events by said platform independent agent to a remote alert proxy in a platform independent manner complemented by a platform type; and
translating said reported alert events to platform specific alert events by said alert proxy.

2. The method of claim 1, wherein detecting said alert events on said client further comprises detecting alert events while said client is in a reduced function state.

3. The method of claim 2, wherein said reduced function state includes an operating system hung state.

4. The method of claim 1, wherein reporting said detected alert events further comprises:
composing a network data packet, said network data packet including an event code; and
transmitting said network data packet including said event code to said remote alert proxy.

1 5. The method of claim 4, wherein composing said network data packet comprises
2 encapsulating said network data packet according to at least one of a plurality of
3 encapsulation protocols including a remote management and control protocol (RMCP)
4 and a simple network management protocol (SNMP).

1 6. The method of claim 4, wherein said event code includes a BIOS POST code.

1 7. The method of claim 1, wherein translating said reported alert events further
2 comprises referencing a description data file using said platform type.

1 8. The method of claim 7, wherein referencing said description data file comprises
2 referencing a plain text "ini" file.

1 9. The method of claim 7, wherein referencing said description data file comprises
2 referencing one of a management information format (MIF) file and a management
3 information block (MIB) file.

1 10. In a client device, a method comprising:
2 detecting alert events on said client device using an integrated platform
3 independent agent; and
4 reporting detected alert events by said integrated platform independent agent to
5 a remote alert proxy for translation into platform specific alert events.

1 11. The method of claim 10, wherein detecting said alert events on said client further
2 comprises detecting alert events while said client is in a reduced function state.

1 12. The method of claim 11, wherein said reduced function state includes an
2 operating system hung state.

1 13. The method of claim 10, wherein reporting said detected alert events further
2 comprises:

3 composing a network data packet, said network data packet including an event
4 code; and

5 transmitting said network data packet including said event code to said remote
6 alert proxy.

1 14. The method of claim 13, wherein composing said network data packet comprises
2 encapsulating said network data packet according to at least one of a plurality of
3 encapsulation protocols including a remote management and control protocol (RMCP)
4 and a simple network management protocol (SNMP).

1 15. The method of claim 13, wherein said event code includes a BIOS POST code.

16. In a server, a method comprising:

receiving detected alert events of a client device from an integrated platform
independent agent of the client device, in a platform independent manner
complemented with a platform type; and
translating said received alert events to platform specific alert events.

17. The method of claim 16, wherein said translating said reported alert events to
platform specific events by said alert proxy further comprises referencing a description
data file using said platform type.

18. The method of claim 17, wherein referencing said description data file comprises
referencing a plain text "ini" file.

19. The method of claim 17, wherein referencing said description data file comprises
referencing one of a management information format (MIF) file and a management
information block (MIB) file.

20. An apparatus comprising logic to:
detect alert events on said apparatus while said apparatus functions in an
operating system unavailable mode; and
report said detected alert events to a remote alert proxy for translation into
platform specific alert events.

21. The apparatus of claim 20, further comprising logic to:

2 compose a network data packet, said network data packet including an event
3 code; and
4 transmit said network data packet including said event code to said remote alert
5 proxy.

1 22. The apparatus of claim 21, wherein said network data packet is composed using
2 at least one of a plurality of encapsulation protocols including a remote management
3 and control protocol (RMCP) and a simple network management protocol (SNMP).

1 23. An article of manufacture comprising a machine readable medium having a
2 plurality of machine readable instructions stored thereon, wherein when the instructions
3 are executed by a processor, the instructions subscribe the processor to:

4 detect alert events on a device comprising said processor while said device
5 functions in an operating system unavailable mode; and

6 report said detected alert events to a remote alert proxy for translation into
7 platform specific alert events.

1 24. The article of manufacture of claim 23, wherein said instructions further subscribe
2 the processor to:

3 compose a network data packet, said network data packet including an event
4 code; and

5 transmit said network data packet including said event code to said remote alert
6 proxy.

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1 25. An apparatus comprising logic to:

2 receive detected alert events of a device from an integrated platform independent
3 agent device in a platform independent manner complemented with a platform type; and
4 translate said received alert events to platform specific alert events.

1 26. The apparatus of claim 25, wherein said logic translates said received alert

2 events to platform specific alert events by referencing a description data file using said
3 platform type.

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1 27. An article of manufacture comprising a machine readable medium having a

2 plurality of machine readable instructions stored thereon, wherein when the instructions
3 are executed by a processor, the instructions subscribe the processor to:

4 receive detected alert events of a device from an integrated platform independent
5 agent device in a platform independent manner complemented with a platform type; and
6 translate said received alert events to platform specific alert events.

1 28. The article of manufacture of claim 27, wherein said instructions further subscribe

2 the processor to translate said received alert events to platform specific alert events by
3 referencing a description data file using said platform type.

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